B. SOBHAN BABU

Department: Information Technology

College: **S**eshadri **R**ao **G**udlavalleru **E**ngineering **C**ollege
Mobile: **7981568613**, 7702232693
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RESIDENTIAL ADDRESS:

DR.NO.10/472-2, Nagavarappadu Colony
Gudivada, Krishna District PIN-521301

ACADEMIC QUALIFICATIONS   **:** B. Tech (**CS & IT**); M.Tech (**CST**), (PhD)

ACADEMIC REWARDS / ACHIEVEMENTS:

1. Received "Yuva Acharya" Award in the year 2022 for Recognizing Exemplary Contributors of Research & Education Sector by Bharat Education Excellence Awards.

2. Became Wipro Advanced Technology Certified Faculty by Digital Skills Readiness Program and Successfully Completed the Talent Next Project on Artificial Intelligence and Machine Learning during January- April 2021.

3. Received Discipline Star award From NPTEL for the Year 2019.

4. Became *Wipro Certified Faculty (WCF)* and recognized as mentor for project based learning (PBL) in J2EE in JUNE-2019.

5. *Ratified* as Assistant professor in JNTUK, Kakinada.

6. Registered *PhD in JNTUA*, Ananthapuramu in the Year-2019.

7. Qualified in *APRCET-2018.*

8. **NET** (National Eligibility Test): **Qualified 3 times**

S.NO	UGC/NTA	YEAR/MONTH	Percentile	Qualified As
1	NTA-UGC-NET	2018-DECEMBER	97.05	Assistant Professor
2	NTA-UGC-NET	2018-JULY	-	Assistant Professor
3	CBSE-UGC-NET	2017-NOVEMBER	-	Assistant Professor

9.APSET: Qualified 2 times

S.NO	SET	YEAR	Qualified As
1	APSET	2018	Assistant Professor
2	APSET	2016	Assistant Professor

10. GATE: Qualified 3 times

S.NO	YEAR
1	GATE-2018
2	GATE-2017
3	GATE-2012

11. CERTIFICATIONS   **: 08**
     NPTEL:

S.NO	Course Name	YEAR/MONTH	Weeks	Percentage
1	Programming in **JAVA**	JAN-APR-2024	12 Weeks	87% (**Top 1%**)
2	Programming, Data Structures and Algorithms using Python	JAN-MAR-2023	8 Weeks	79% (Elite+Silver)
3	Data Structures and Algorithms using Java	JUL-OCT-2022	12 Weeks	87% (**Top 2%**)
4	The Joy of Computing using **Python**	JUL-OCT-2019	12 Weeks	91% (**Top 5%**) **(Elite+Gold)**
5	Programming in **JAVA**	JAN-APR-2019	12 Weeks	95% (**Top 5%**)
6	Problem solving through Programming In **C**	JUL-OCT-2018	12 Weeks	91 %(**Top 1%**) **4th Rank**
7	Programming In **C++**	AUG-SEP-2018	8 Weeks	85 % (**Top 5%**)
8	Problem solving through Programming In **C**	JAN-APR-2018	12 Weeks	88% (**Top 5%**)

PROFESSIONAL EXPERIENCE: 17.5 Years

Designation	Name of the Institution	Period
Assistant Professor	Gudlavalleru Engineering College, Gudlavalleru	2015-Till Date
Assistant Professor	Andhra Loyola Institute of Engineering & Technology, Vijayawada	2014-2015
Lecturer	V.K.R & V.N.B Polytechnic, Gudivada.	6-Years
Assistant Professor	Malineni Lakshmaiah Engineering College, Singarayakonda.	2004-2005

PROJECTS GUIDED:

PhD	Post Graduation	Under Graduation
-	-	31

SPECIALIZATION   : **Big Data** and **IoT**

RESEARCH PAPERS / BOOKS   : **NIL**

BOOKS PUBLISHED IN PUBLICATIONS : **01**

PAPERS PUBLISHED IN JOURNALS   : **11**

1. Published a Journal on "*Prediction of lung cancer using SVM and CNN*" in A Journal for New Zealand Herpetology, Volume 12 Issue 02 2023.

2. Published a Journal on "**An accurate foreground moving object detection based on segmentation techniques and optimal classifier**" in Wiley Journal, September 2021**. (SCI).**

3. Published a Journal on "**Synthesis and Characterization of the Chitosan Silver Nano-particle-Reinforced Borassus flabellifer Trichome- and Prosopis juliflora Wood-Based Nano-composite for Environmental Application**" in Hindawi Journal of Nano Materials , Volume 2021, October-2021**.(SCI)**

4. Published a Journal on "**Result Analysis Of Student Information Using K-Means Clustering Algorithm**" in International Journal of Analytical and Experimental Model Analysis, Volume Number: XIII, Issue VII, July/2021.

5. Published a Journal on "**An Algorithms for Secure Mining Principle in Secure Database**" in Journal of Cordiovascular Disease Research, Volume Number 12, Issue 03 March-2021.

6. Published a Journal on "**Project Guidance and Exploration System**" in ASL Journal, Volume 26, Number 05 May-2020.

7. Published a journal on "**Data Management in IoT Using Big Data Technologies and Tools**" International Journal of Engineering Science Invention (IJESI) Volume 7 issue January-2018.

8. Published a journal on "**Role of COOJA simulator in IoT**" International Journal of Emerging Trends & Technology in Computer Science (IJETTCS)   IJETTCS-2017-04-16-67, ISSN: 2278-6856.

9. Published a journal on "**Trends of IoT**" International Journal of Engineering Trends and Technology in IJETT ISSN: 2231-5381. (January-2017).

10. Published a journal on "**Smart vehicle management through IoT**" International Journal of Emerging Trends & Technology in Computer Science (IJETTCS) ISSN 2278-6856 Impact Factor (2016): 5.663.

11. Published a journal on "**IoT for Health care**" International Journal of Science and Research (IJSR) ISSN (Online): 2319-7064 Index Copernicus Value (2013): 6.14 | Impact Factor (2014): 5.611.

PAPERS PUBLISHED IN CONFERENCES : 03

1. "The Graph - A Decentralized Query Protocol for Block chain Technology" 3rd International conference on Inventive Research in Computing Applications (ICIRCA-2021) organized by RVS College of Engineering and Technology, Coimbatore, India from 02-04 September 2021.

2. "Post COVID-19 Twitter user's Emotions Classification using Deep Learning Techniques in India", International Conference on Artificial Intelligence and smart systems (ICAIS 2021) Organized by JCT college of Engineering and Technology, Coimbatore India on 25-27, March 2021.

3. "**User valuation of secrecy Framing based on General Data Protection Regulation (GDPR) users",** Third International Conference on Inventive Research in Computing Applications (ICIRCA) 2021 organized by organized by RVS College of Engineering and Technology, Coimbatore, India from 02-04 September 2021.

LIST OF WORKSHOPS ORGANIZED : 03

1. A two week workshop on "**Python programming by APSSDC**" organized by Department of IT on 25th June to 7th July-2018.

2. A two day workshop on "**PYTHON"** organized by Department of IT in Association with SAINT on 22nd -23rd September 2017. Sessions was handled by **Coign Consultants Pvt. Limited, Hyderabad.**

3. A Two Day Non-Teaching Staff Development program on "**Network Administration and Image Editing Tools**" from 23rd – 24th September 2016.

LIST OF WORKSHOPS //SEMINARS ATTENDED: 41

1. Participated 10 day FDP on **"Programming in JAVA",** organized by NPTEL-AICTE (JAN-APRIL-2024).

2. Participated in three days Online FDP on **"Generative AI"** during 26-06-2024 to 28-06-2024, Organized by Department of Information Technology of Seshadri Rao Gudlavalleru Engineering, Gudlavalleru.

3. Attended a five day Online FDP on **"DevOps (Portmanteau of "Development " and "Operations")"** during 28-08-2023 to 01-09-2023, Organized by Department of Computer Science Engineering, SRK Institute of Technology, Enikepadu, Vijyawada.

4. Participated in Five Day **ATP (Advanced Technology Program)**, during 7th August to 11th August-2023 conducted by Wipro Ltd., Bangalore.

5. Participated in six day Online FDP on **"MEAN Stack Technologies"** during 06-03-2023 to 14-03-2023, Organized by the Seshadri Rao Gudlavalleru Engineering College in Association with SkillDzire Technologies Private Limited, Hyderabad.

6. Participated in ten days short term training Program on **"Cyber Security: Global Hacktivism, Defense Mechanism and Digital Forensics"** during 01-02-2023 to 11-02-2023, Organized by Department of Electronics and Communications Engineering, Saveetha Engineering College.

7. Participated in one week Online FDP on **"Challenges And Research Opportunities In Deep Learning And Machine Learning"** during 02-01-2023 to 07-01-2023, Organized by the Department of Information Technology, Seshadri Rao Gudlavalleru Engineering College, Gudlavalleru.

8. Participated one week FDP on **"Programming, Data Structures and Algorithms using Python",** organized by NPTEL-AICTE (JAN-MAR-2023).

9. Participated 10 day FDP on **"Data Structures and Algorithms using JAVA",** organized by NPTEL-AICTE (JUL-OCT-2022).

10. Participated in one week Online FDP on **"Full Stack Application Development"** Organized by the Department of Information Technology, Seshadri Rao Gudlavalleru Engineering College in Association with Brain O Vision Solutions Pvt., Ltd from 15-06-2022 to 21-06-2022.

11. Participated an Online Training Program Conducted by Wipro TalentNext on "Java Full Stack Top Up" from 13-06-2022 to 24-06-2022.

12. Participated One day FDP on **"Insights of NEP 2020 and strategies for its implementation"** 12th June 2022, Organized by the Seshadri Rao Gudlavalleru Engineering College, Gudlavalleru.

13. Participated in six day Online FDP on **"Robotic Process Automation"** during 23-08-2021 to 28-08-2021, Organized by the Seshadri Rao Gudlavalleru Engineering College in collaboration with Smart Bridge Education services Pvt. Ltd., Blue Prism.

14. Participated in Five Day Online FDP on **"Data Sciences"** from 19-01-2021 to 23-01-2021 at Gudlavalleru Engineering College, Organized by AICTE Training and Learning (ATAL) Academy.

15. Participated in Five Day Advanced Technology Online Training program on **"Big Data"**, Conducted by Wipro Talent Next from 16-11-2020 to 20-11-2020.

16. Participated in Six Day Online FDP on "**Universal Human Values in the Context of Student induction program**" Sponsored by TEQUIP-III, during 02-11-2020 to 07-11-2020.

17. Participated in Five Day Online FDP on **"Cyber Security"** during 22nd to 26th July-2020 organized by the Department of Computer Science Engineering and Information Technology in Association with CyberPsy, Gudlavalleru Engineering College.

18. Participated in 10 Hours "**AWS Cloud Computing"** online FDP Organized by APSSDC, during 22nd June 2020 to 26th June 2020.

19. Participated in Five Day Online FDP on **"Block Chain Technologies"** during 9th June to 13th June-2020 organized by the Department of Computer Science Engineering and Information Technology in Association with CSE, Gudlavalleru Engineering College.

20. Participated in Five Day Online FDP on **"Data Science using Python"** during 29th May to 2nd June-2020 conducted by the Department of Computer Science and Engineering, Chalapathi Institute of Eng. And Technology, in Collaboration with SWECHA and CSI.

21. Participated in One week Online FDP on **"Python 3"** during 25th May to 31st May 2020, organized by the Department of Computer Science & Engineering, Prakasam Eng. College, In association with spoken Tutorial Project, IIT-Bombay, funded by National Mission on Education through ICT, MHRD, Govt. of India.

22. Participated in One week Online FDP on **"Big Data Tools"** during 18th May to 23rd May-2020 organized by the Department of CSE & IT, St. Martin's Eng. College, Secunderabad, In association with Computer Society of India, Hyderabad.

23. Participated in Five day online FDP on **"IPR Awareness and Patent Prosecution"** during 6th May to 10th May-2020, organized by the Department of IT, CMR Eng. College, Hyderabad.

24. Participated in Three Day **ATP (Advanced Technology Program)**, during 5th Feb to 7th Feb-2020 conducted by Wipro Ltd., Bangalore.

25. Participated an AICTE sponsored Two week FDP on **"Data Science and Data Analytics through Python & R programming"** during 27th Jan to 8th Feb-2020, organized by Department of Information Technology, Gudlavalleru Eng. College,

26. Participated in 10 day FDP on **"The Joy of Computing using Python"**, organized by NPTEL-AICTE (JUL-OCT-2019).

27. Attended 7 day training program **"Digital Skill Readiness Program-National Talent Hunt 2019"** at Wipro, Bangalore from 15-05-2019 to 22-05-2019.

28. Participated 10 day FDP on **"Programming in JAVA",** organized by NPTEL-AICTE (JAN-APRIL-2019).

29. Participated One Week FDP on **"Machine Learning and Deep Learning"** during 1st May to 7th May-2019 organized by the departments of Computer science and Eng. & Information Technology, Gudlavalleru Engineering College.

30. Attended One Week FDP on **"Internet of Things with IBM Watson"** from 26th November 1st December, 2018, organized by Gudlavalleru Engineering College, Gudlavalleru in collaboration with Smart Bridge, Hyderabad.

31. Participated One week workshop on "**EMC Academic Associate, Data Science and Big Data Analytics**" organized by EMC Academics Associate at the Department of Information Technology, Gudlavalleru Engineering College from May 7th to 12th 2018.

32. Attended One week workshop on "**Machine Learning :Recent Trends and Applications**" organized by E&ICT academy, National Institute of Technology, Warangal, at the Department of Information Technology, Gudlavalleru Engineering College from 3rd to 8th February 2018.

33. Participated A Three day faculty Development programme on **"Research Methodology**" organized by the Department of Business and Management studies at Gudlavalleru Engineering College from 18th-20th December-2017.

34. Attended a two day Hands-on workshop on **IPV4 & IPV6** organized by Department of Information Technology at Gudlavalleru Engineering College from 24th-25th November-2017.

35. Participated a two day workshop on "**Soft Computing Techniques**" organized by Department of Computer Science and Engineering at Gudlavalleru Engineering College from 21st and 22nd June-2017.

36. Participated in two week FDP held at Gudlavalleru Engineering College on "**Entrepreneurship**" during 06-02-2017 to 21-02-2017.

37. Participated in one week FDP held at VVIT, Guntur on "**Data Analytics with R**" during 16th-21st January-2017.

38. Attended a two day workshop on "**Windows Azure**" organized by Department of Computer Science and Engineering at Gudlavalleru Engineering College from 21st and 22nd March 2016.

39. Participated a three day faculty development program on "**Big Data Analytics**" conducted by department of Information Technology at Gudlavalleru Engineering College from 25th -27th February 2016.

40. Participated in two day workshop held at Gudlavalleru Engineering College, Gudlavalleru on "**Ethical Hacking**" during 6th to 7th October 2015**.**

41. Participated in two day workshop on "**Internet of Things**" Organized by department of Computer Science Engineering, Gudlavalleru Engineering College on 27th &28th November 2015.

LIST OF WEBINARS ATTENDED: 02

1. Participated a National Level Webinar on "*Intellectual Property Rights & Patents - A View*" organized by IQAC, Gudlavalleru Engineering College, Gudlavalleru held during 10 - 12 August 2020.

2. Attended a Webinar on "**Impact of COVID in Engineering Education & Way forward"** during 9th June-2020, organized by Indian Society for Technical Education (ISTE) Chapter, Gudlavalleru Engineering College.

GUEST LECTURES DELIVERED   **:** NIL

PATENTS   **: 04**

MEMBERSHIP IN PROFESSIONAL BODIES : Associate member of MIE since DEC-2018.

CONSULTANCY ACTIVITIES   **:** NIL

GRANTS FETCHED   **:** NIL